

Title (en)

CONTROLLED TRANSLATION METHOD OF AFFIXING A TERMINATION TO A MULTI-STRANDED TENSILE MEMBER

Title (de)

GESTEUERTES ÜBERSETZUNGSVERFAHREN ZUR BEFESTIGUNG EINES ABSCHLUSSES AN EINEM MEHRSTRÄNGIGEN ZUGELEMENT

Title (fr)

PROCÉDÉ DE TRANSLATION COMMANDÉE DE LA FIXATION D'UNE TERMINAISON À UN ÉLÉMENT DE TRACTION MULTIBRINS

Publication

EP 3863836 A1 20210818 (EN)

Application

EP 19871319 A 20191008

Priority

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- US 2019055081 W 20191008

Abstract (en)

[origin: WO2020076740A1] A method for creating a termination by attaching some kind of fitting to the end of a tensile member such as a cable. The end fitting is provided with one or more internal cavities. Each cavity has a proximal portion that is adjacent to the area where the tensile member exits the fitting and a distal portion on its opposite end. A length of the tensile member's filaments is placed within this expanding cavity and infused with liquid potting compound. The method exploits the characteristic of a liquid potting compound as it transitions to a solid. Once the potting compound in at least a portion of the cavity has transitioned sufficiently to hold the filaments at a desired level, tension is placed on the tensile member and a small linear displacement may be imposed on the tensile member.

IPC 8 full level

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